Mr. C. R. Iyyunni *(Trichur-South):* May I know whether the persons who are employed there and whose income is over Rs. 2,000, are all assessed.

Mr. K. P. Kannan Nayar *(Secretary to Government):* Yes.

Mr. President: Yes they are all assessed.

MOSQUITOES AND PUBLIC HEALTH IN MATTANCHERI

480. Mr. A. B. Salem *(Mattancheri):* Will the Government be pleased to state.—

(*a*) the amount of money spent in the mosquito campaign either by the Municipality or by the Public Health Department in 1114 and 1115 respectively in Mattancheri;

(*b*) the results of the investigation and campaign so far obtained;

(*c*) the cost of the rats campaign in Mattancheri in 1114 and 1115?

Mr. P. J. George *(Joint Secretary to Government):*

	1114	*1115*
(*a*) Mattancheri Municipality	Rs. 510—3—0	647—8—0
Public Health Department	do.	do.

(*b*) The results of the mosquito campaign so far as the stegomyia control is concerned has been successful since the stegomyia index could be reduced from about 60 per cent in the beginning to about 20 per cent now.

	1114	*1115*
(*c*) Mattancheri Municipality	Rs. 230—5—0	171—5—0.

Mr. A. B. Salem *(Mattancheri):* With reference to answer to sub-division (*a*) am I to understand that the Public Health Department also spent an identical amount for this purpose?

Mr. P. J. George *(Joint Secretary to Government):* Yes. Half and half.

Mr. President: They have also spent an identical amount.

Mr. A. B. Salem *(Mattancheri):* Is the Public Health Department to spend the whole amount?

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Mr. P. J. George *(Joint Secretary to Government):* No. A moiety only.

Mr. President: The total expenditure is apportioned half and half.

Mr. A. B. Salem *(Mattancheri):* May I know, Sir, what is the meaning of stegomiya control and stegomiya index in the answer? We are laymen. We do not know that.

Mr. E. Ikkanda Warriar *(Cheruthuruthi):* The Hon'ble Member for Medicine will kindly enlighten us.

Dr. T. Verghese *(Chief Medical Officer):* Stegomyia is a mosquito which is found in Ernakulam and Mattancheri and which brings the yellow fever. The control means really the destruction of stegomyia. There are other forms of mosquitoes also. The proportion between the various other forms of mosquitoes and the stegomyia type has been very much reduced. This percentage of the total number is called the index. That index has now been reduced from 60 to 20 per cent.

Mr. A. B. Salem *(Mattancheri):* May I know, Sir, who has been exercising this destruction?

Mr. P. J. George *(Joint Secretary to Government):* There is a separate mosquito staff.

Mr. A. B. Salem *(Mattancheri):* Are they able to distinguish between the stegomyia and the other types?

Mr. P. J. George *(Joint Secretary to Government):* Yes. So much so, the percentage of stegomyia has been reduced.

Mr. President: The hon'ble member has not followed the steps that have been taken already in Mattancheri and Ernakulam, on the advice given by the Public Health Commissioner to the Government of India about the stegomyia mosquito. You know we have appointed a special staff for these municipalities. It was stated that this type of mosquito breeds in mud-pots and the cocoanut shells and such other places where water is stagnating. The Public Health Commissioner advised this type of stegomyia could be killed only if such dirty places are cleaned well. As a result of the work of this staff, the percentage has been considerably reduced as will be seen by a mere reading of the index figures. That is the position.

Mr. A. B. Salem *(Mattancheri):* Do not other mosquitoes also breed in these waters?

Dr. T. Verghese *(Chief Medical Officer):* Yes.

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Mr. A. B. Salem *(Mattancheri):* May I know whether any analysis has been made about these mosquitoes?

Mr. President: Yes, and this is the result. Before these methods were employed, an analysis of the mosquitoes was made and 60 per cent were found to be of the stegomyia type. After that, a further analysis was made after a period of six months and the percentage has been reduced from 60 per cent to 20 per cent.

Mr. A. B. Salem *(Mattancheri):* The mosquitoes have not in any way decreased.

AREA OF LANDS IN THE FORE-SHORE, MATTANCHERI— PARTICULARS REGARDING

481. Mr. A. B. Salem *(Mattancheri):* Will the Government be pleased to inform.—

(*a*) the exact extent of the area lying between the back-waters on the east, the Women and Children's Hospital, Mattancheri on the south, the main Mattancheri Bazaar road on the west and the Harbour workshop on the north;

(*b*) the tenures on which the above area is held by the occupants thereof, according to the Land Register;

(*c*) (*i*) how many acres of this area belong to Government and what does the Government get annually from the Government lands in the occupation of others now,

(*ii*) how many acres of this area belong to the Paliam and what is the revenue the Paliam pays for the land held by them,

(*iii*) how many acres of this are held in *jenmam*, *Pandaravaka Verumpattam*, *Inam* or *Puravaka*, and

(*iv*) revenue derived by Government from these lands held by private individuals;

(*d*) has the Government or the harbour authorities ever surveyed this fore-shore of Mattancheri;

(*e*) what would be the cost of running a straight fore-shore wall along the entire eastern length of the area mentioned in question No. (*a*);

(*f*) what would be the cost of building landing facilities alongside of the foreshore wall to its entire length to

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